

## New Zealand's Biological Heritage National Science Challenge

### Key messages – why get involved with the BioH Challenge

#### Why get involved with the Challenge? (individual level)

**Increase impact for NZ** – mission-led research – it can be a more compelling story together than separately

**Make use of Investment Prospectus** – when bidding into funding rounds i.e. take advantage of Challenge 'umbrella' to help identify research gaps

**Partnership with Māori** – Challenge values underpin everything that we do – building capacity and capability to work in a Treaty-based partnership

**Be part of a collaboration, and build collaborative capacity** – with particular appeal of cross-institutional teams of scientists, stakeholders and Māori working together to achieve collective impact

**Increase science impact** – through high-impact publications, workshops and wānanga

**Increase the profile of your work** – through the Challenge website, social media and other avenues

**Integration** – across disciplines and sectors (whole-of-system approaches)

**Resolve tricky issues that individual researchers may not be able to deal with** – e.g. data stewardship, IP issues

**Access to databases and infrastructure** in other organisations – ability to conduct fundamental research in addition to mission-led

**Incentivising investment in science** – supporting Challenge efforts to influence extra investment in research & innovation whether from government or private sectors

**Funding** – via the Challenge envelope or through Challenge efforts to secure extra investment

#### Why get involved with the Challenge? (institutional level)

**Opportunity to create impact** – my organisation is seen as a leader in areas of national importance

**Partnership with Māori to support Vision Mātauranga, Mātauranga Māori, and kaupapa Māori research** – strong links to and/or potential to work in partnership with, Māori researchers and communities

**High quality research & leadership** – strategic direction of the Challenge supported by a strong team at both governance and leadership levels

**Media exposure** – my organisation is included in media and communications through the Challenge (and vice-versa); if leading Challenge investments, possibility for project to be 'pin-up project' is an exciting prospect

**Challenge support team** – professional and efficient (e.g., contracting, communications, meeting support etc)

**Research excellence** – funding opportunities (directly via the Challenge envelope, or indirectly), high-impact publications, student (and sometimes postdoc) projects funded which boosts organisational reputation

**Strengthening relationships across sectors** – multiple organisations working together to deliver collective impact; improved opportunities to engage with end-users

**Interdisciplinary research** – encouraging researchers to collaborate in new areas, providing leadership opportunities and collaborative capacity

**Public engagement** – the NZ public included in the science process with outcomes delivered in a manner understandable to all; encourages and creates opportunities for citizen scientists; ultimately increases public interest in scientific research

**Stable research investment** – involvement in a long-term stable research investment with opportunity for strategic positioning for longer-term funding aligned with the Challenge

**Knowledge exchange** – supports capacity and capability building (i.e. sharing ideas, but perhaps also accessing infrastructure, datasets, expertise)

**Incentivising investment in research, innovation & knowledge generation** – supporting Challenge efforts to influence extra investment in research & innovation whether from government or private sectors